**Index of Claims** 



Application/Control No.

10/789,631 Examiner

Applicant(s)/Patent under Reexamination

MCVAY ET AL.

Art Unit

Hoang Dang

3672

<b>√</b>	Rejected
=	Allowed

1	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected
-	Interference

A	Appeal
0	Objected

			I	-			ı						
Cla	im	Date											
Final	Original	9	<u> </u>										
_	1	Ň		-	_		-	-	_	-			
	2	۱Ž	_						$\vdash$				
	3	Ò	$\vdash$	$\vdash$		$\vdash$	_	_	_	┢			
	4	ĭ	1	_				$\vdash$	┢╌	_			
	5	H	H	$\vdash$	_		$\vdash$	$\vdash$		-			
	6	Н	<del>                                     </del>		_		$\vdash$		-	-			
	1 2 3 4 5 6 7	H	┰			$\vdash$	<del>                                     </del>	$\vdash$	_	<del> </del>			
	8	Ħ			$\vdash$					$\vdash$			
	9	$\sqcap$	T							_			
	10	H			$\vdash$	_		$\vdash$	$\vdash$	_			
	11	Ħ	Г				T	$\Box$					
	12	П		_					-				
	11 12 13	$\sqcap$	$\vdash$			$\vdash$				Ι_			
	14	П					$\vdash$						
	15	$\Box$								$\vdash$			
	16	d,					_						
	17	V											
	18 19	V						_	_				
	19	O											
	20	7						Г					
	21	IT											
	22	П		Г									
	23 24	П	Г										
	24	П								Г			
	25	П											
	26 27												
	27	Ш	_										
	28	Ш											
	29	Ш		_			_						
	30	Ш											
	31	Ш		L									
	32	Ш	匚	L									
	33	1	$ldsymbol{ldsymbol{ldsymbol{eta}}}$	_	<u> </u>	<u> </u>			_	_			
	34	0	<u></u>	<u></u>	<u> </u>	<u> </u>	_	L_	<u> </u>				
	35			۲	<u> </u>	<u> </u>	<u> </u>	_	_	<u> </u>			
<u> </u>	36	<b>!</b>	<u> </u>	<u> </u>	_	<u> </u>	_	<u> </u>	_	<u> </u>			
<u> </u>	37	-	<u> </u>	<u> </u>	-	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>			
<u> </u>	38	$\vdash$	<u> </u>	₩	<u> </u>	<u> </u>	├	<u> </u>	<b> </b>	⊢			
	39	-	<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>			
<u> </u>	40	-	<del> </del>	<u> </u>	├	<u> </u>	-	<u> </u>	$\vdash$				
	41	├	-	$\vdash$	├-	<u> </u>	├	<u> </u>	⊢	<del> </del>			
<u> </u>	42	├-	-	<u> </u>	├—	<u> </u>	<del> </del>	<u> </u>	$\vdash$	-			
	43	$\vdash$	⊢	├	├—	├-		-	├	$\vdash$			
	44		<del> </del>	<u> </u>	├-	├	<u> </u>	<u> </u>		<u> </u>			
	45	-	├-	⊢-		<u> </u>		<u> </u>	<u> </u>	├-			
	46	├—	├-	$\vdash$	├	-		<u> </u>	-	├-			
	47	-	├	$\vdash$	├	-	-	<u> </u>	-	├-			
	48 49	$\vdash$	-	<del>                                     </del>	⊢	$\vdash$		<u> </u>	<u> </u>	├—			
	50	⊢	-	-	├	_	-	$\vdash$	-	<u> </u>			
, 1	่วบ		l .	1	ı		ı			1			

The state of the	Cla	im					Date	Э					Cla	im				[	Date	•	•		
1   V   51   52   53     3   O   53   54   55   56   6   55   56   7   57   8   58   59   10   60   60   61   11   60   61   61   62   63   64   62   63   64   65   66   67   68   69   66   67   68   69 <td></td> <td>Original</td> <td></td> <td>,</td> <td></td>		Original		,																			
2 V   3 O   52   53   4   4   54   55   56   7   55   56   7   57   8   58   55   56   7   7   8   58   59 <td></td> <td></td> <td><math>\nabla</math></td> <td></td> <td></td> <td></td> <td></td> <td><math>\vdash</math></td> <td><math>\vdash</math></td> <td>_</td> <td></td> <td>İ</td> <td></td> <td>51</td> <td><math>\vdash</math></td> <td><math>\neg</math></td> <td></td> <td>_</td> <td>-</td> <td></td> <td><math>\vdash</math></td> <td></td> <td><math>\sqcap</math></td>			$\nabla$					$\vdash$	$\vdash$	_		İ		51	$\vdash$	$\neg$		_	-		$\vdash$		$\sqcap$
S			۲Ť	_	$\vdash$				Т	_		İ		52	Ħ	$\neg$				-		Н	$\sqcap$
4 ( )   5   55   55   55   6   6   7   7   7   7   7   7   7   7   7   8   8   7   56   57   8   8   9   59   9 <td< td=""><td>7</td><td>3</td><td>Ò</td><td><math>\vdash</math></td><td><math>\vdash</math></td><td></td><td><math>\vdash</math></td><td>_</td><td>_</td><td></td><td>Н</td><td>Ì</td><td></td><td>53</td><td></td><td></td><td><math>\neg</math></td><td>_</td><td></td><td>_</td><td></td><td></td><td><math>\sqcap</math></td></td<>	7	3	Ò	$\vdash$	$\vdash$		$\vdash$	_	_		Н	Ì		53			$\neg$	_		_			$\sqcap$
6   7   1   56   57   8     8   9   58   59   60   61   11   61   61   12   62   62   63   14   64   64   63   64   65   66   67   68   66   67   68   69 </td <td></td> <td>4</td> <td>ĭ</td> <td><u> </u></td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Ì</td> <td></td> <td>54</td> <td><math>\vdash</math></td> <td><math>\neg</math></td> <td></td> <td></td> <td><math>\vdash</math></td> <td></td> <td>_</td> <td></td> <td><math>\Box</math></td>		4	ĭ	<u> </u>	_							Ì		54	$\vdash$	$\neg$			$\vdash$		_		$\Box$
6   7   1   56   57   8     8   9   58   59   60   61   11   61   61   12   62   62   63   14   64   64   63   64   65   66   67   68   66   67   68   69 </td <td></td> <td>5</td> <td>т</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>П</td> <td></td> <td></td> <td>55</td> <td></td> <td></td> <td></td> <td>_</td> <td>_</td> <td></td> <td></td> <td></td> <td><math>\sqcap</math></td>		5	т								П			55				_	_				$\sqcap$
57	┪		Н					$\vdash$		-				56		$\dashv$					_		П
8   9   10   60   60   60   60   61   61   62   63   64   62   63   64   64   65   65   66   67   66   67   68   66   67   68   69    69   70   70   71   71   72   72   72   72   73   73   74   74   72   72   73   74   74   72   72   73   74   78	┪	7	H	_	_		$\vdash$	<u> </u>		_		İ			$\vdash$		_		$\vdash$		_		П
9   1	┪	8	H			$\vdash$	$\vdash$			$\vdash$	Н	ı		58	H	_	$\neg$			$\vdash$		$\vdash$	$\vdash$
10	$\dashv$	9	Н	T	_	_		$\vdash$		$\vdash$	Н	ı				_	$\neg$	_	-				$\vdash$
11	7	10	H	<u> </u>	┢	┢	<del> </del>	$\vdash$	$\vdash$	$\vdash$	1	· }		60	H		-		_	_		_	$\vdash$
12		11	1					$\vdash$	Т		П	Ì			H							Н	$\square$
13	$\dashv$		$\vdash$	<del>                                     </del>	-	_	$\vdash$	$\vdash$	_	-				62	$\vdash$	$\dashv$							$\vdash$
14	ᅥ	13	H	T	┢	_	$\vdash$				$\vdash$	1		63	$\vdash$	$\dashv$		_	_		$\vdash$		$\vdash$
15	$\neg$	14	Н	H	1		$\vdash$	┢		$\vdash$	$\vdash$	1		64	H	$\neg$	-				H		Н
16	┪	15	Н	<u> </u>	1		<u> </u>	_	-	┢	H	 		65	Н	$\dashv$				-			$\vdash$
17 V 67 68 68 69 70 70 70 71 71 72 72 72 73 73 74 74 74 75 75 75 75 75 75 75 75 75 75 75 75 75	┪	16	H.	-		$\vdash$	-		-	<del>                                     </del>	H			66	$\vdash$								$\vdash$
18 V   68     19 O   69     20 f   70     21     71     22     72     23     73     24     74     25     75     26     76     27     77     28     79     30     80     31     81     32     82     33     81     34     82     33     83     36     86     37     87     38     88     39     89     40     90     41     91       42     92       43     94       45     95       46     96       47     97       48     98       49     99	$\dashv$		¥	$\vdash$			$\vdash$	_	$\vdash$		H	1		67	Н	$\dashv$	-	_			$\vdash$	-	H
19 O   69     20 f   70     21     71     22     72     23     73     24     74     25     75     26     76     27     77     28     79     30     80     31     81     32     82     33     83     34     84     38     85     36     86     37     87     38     88     39     89     40     90     41     91     42     92     43     94     44     94     45     96     47     97     48     98     49     99	$\dashv$		V	┢			$\vdash$	$\vdash$	-	-		}			$\vdash$	$\dashv$					-	-	$\vdash$
20 f   70     21     71     22     72     23     73     24     74     25     75     26     76     27     77     28     79     30     80     31     81     32     82     33     83     34     84     38     85     36     86     37     87     38     88     39     89     40     90     41     91     42     92     43     94     44     94     45     96     47     97     48     98     49     99	$\dashv$	19	Ö	-	┢			<del></del>		_	$\vdash$			60	$\vdash$	$\dashv$	-	-			-		Н
21   71     22   72     23   74     24   74     25   75     26   76     27   77     28   79     30   80     31   81     32   82     33   83     34   84     38   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   94     44   94     45   96     47   97     48   98     49   99	$\dashv$		7			-			$\vdash$	┝	$\vdash$	1		70	Н	$\dashv$	-						$\vdash$
22   72     23   73     24   74     25   75     26   76     27   77     28   78     29   79     30   80     31   81     32   83     34   82     33   83     36   84     37   87     38   88     39   89     40   90     41   91     42   92     43   94     44   94     45   96     47   97     48   98     49   99	$\dashv$		Н	-	$\vdash$	-	┝	_	┝	┝	-			71	H		-				$\vdash$		H
23   73     24   74     25   75     26   76     27   77     28   78     29   79     30   80     31   81     32   83     33   82     33   83     34   84     38   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   94     44   94     45   96     47   97     48   98     49   99	ᅥ	22	╫╴	┢	╁	-	-	_		<u> </u>	H				$\vdash$	$\dashv$	-			-	$\vdash$		$\vdash$
24   74     25   75     26   76     27   77     28   78     29   79     30   80     31   81     32   82     33   83     34   84     38   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   96     47   97     48   98     49   99	$\neg$		H	┢	$\vdash$	-		$\vdash$	-	┢	$\vdash$				$\vdash$	-	-		_	_	$\vdash$	$\vdash$	H
25   75     26   76     27   77     28   78     29   79     30   80     31   81     32   82     33   83     34   84     38   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99	$\dashv$	24	Н	H	┢	-	-	┢	-	┢	-	}		74	┝		-		_	_	$\vdash$	$\vdash$	$\vdash$
26   76     27   77     28   78     29   79     30   80     31   81     32   82     33   83     34   84     38   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   96     47   97     48   98     49   99	$\dashv$	25	H	-	╁─╴		-	_	_	-	$\vdash$	1			$\vdash$	$\dashv$					-	-	$\vdash$
27   77     28   78     29   79     30   80     31   81     32   82     33   83     34   84     38   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99	$\dashv$	26	╁	┢	<del> </del>	_	$\vdash$	-	-	<del> </del>	H			76	$\vdash$	$\dashv$	-		-		$\vdash$		$\vdash$
28   78     29   79     30   80     31   81     32   82     33   83     34   84     38   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99	-	27	Н	⊢	-	-	┝	_	$\vdash$	┝	-				-	-				_	-	-	$\vdash$
29   79     30   80     31   81     32   82     33   83     34   84     38   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99	$\dashv$		H	┝	}—		-	-	-	-	-	1			$\vdash$	$\dashv$					-		$\vdash$
30   80     31   81     32   82     33   83     34   84     38   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   94     44   94     45   95     46   96     47   97     48   98     49   99	$\dashv$	20	╁	┢	-			_	_	<u> </u>	┝			70	$\vdash$	$\dashv$	_	_	_	_	Н	H	$\vdash\vdash$
31   81     32   82     33   83     34   84     38   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   94     44   94     45   95     46   96     47   97     48   98     49   99	$\dashv$		╁	⊢	⊢	$\vdash$	┝	┝	-	-	H	}		-/9	$\vdash$	$\dashv$	-			-	H		$\vdash$
32   82     33   83     34   84     38   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99	-		H	⊢	⊢	-	├		⊢	_	H				$\vdash$	$\dashv$						$\vdash$	$\vdash$
33 \   83     34 O   84     38   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99	$\dashv$	31	H	H	H		-	<u> </u>		<del>                                     </del>	H			01	Н	-	_				<u> </u>	-	$\vdash$
34 O   84     38   85     37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99	$\dashv$	32	H	⊢	<del> </del>		-	_	$\vdash$		-					-	_			_		H	$\vdash$
38   36     37   87     38   87     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99	$\dashv$			⊢	⊢		<del> </del>		⊢	┝	-	}			Н	-					H	<u> </u>	
36 86   37 87   38 88   39 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99	4		$\vDash$	E	5-	_	$\vdash$	_	-	-	$\vdash$			84	$\vdash$		_		-	_	-	$\vdash$	$\vdash$
37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99	$\dashv$		┝	H	F	-	┝	<u> </u>	-	├-	-				Н					_	H	H	Н
38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99	ᅱ		⊢	├	⊢			_	$\vdash$	-		}			┝╌┤					_	⊢	$\vdash$	$\vdash$
39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99	-	20	-	├-			<u> </u>	-	├	_	H	}		87	$\vdash$	$\dashv$	_		_		<del> </del>	-	$\vdash$
40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99	$\dashv$	30	-	-	┝	_	-	-	-	<del> </del>	H	}			$\vdash$	-	_		_	_	<u> </u>	H	$\vdash$
41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99	-		-	-	<del> </del>		├-		-	<u> </u>	⊢	}			$\vdash$	-	-		-	-			$\vdash$
42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99	-	40	_	-	<u> </u>	-	<u> </u>	-	_	_	ļ			90	$\vdash \vdash$	-			<u> </u>			-	$\vdash$
43 93   44 94   45 95   46 96   47 97   48 98   49 99	4			-	<u> </u>	_	<u> </u>	_	_	L	_			91	$\vdash$	_			-		<u> </u>		$\vdash$
44 94   45 95   46 96   47 97   48 98   49 99	-	42	<u> </u>	_	_	_	<u> </u>	_	<u> </u>	L	Н				$\vdash$	$\dashv$			_	_		_	Н
45 95   46 96   47 97   48 98   49 99	4	43	_	┞	<u> </u>	<u> </u>	<u> </u>		_	<u> </u>	$\vdash$				Н	_	_		<u> </u>	_			$\vdash$
46	4		<u> </u>		├_	⊢	├	<u> </u>	<u> </u>		$\vdash$				Ш	_	$\Box$	<u> </u>	_	L		<u> </u>	Ш
47	-	45	<u> </u>	├-	<del> </del>		<u> </u>	<u> </u>	<u> </u>		Н			95	$\sqcup$				<u> </u>	<u> </u>	_	<u> </u>	$\square$
48 98 99 99 99 99 99 99 99 99 99 99 99 99	4		_	├	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_	_	Н				$\sqcup$	_	_		L_	<u> </u>	<u> </u>	L.	Ш
49 99 99	4		<u> </u>	├	<u> </u>	Ь—	<u> </u>	ļ	<u> </u>	<u> </u>	Щ				Щ	_			<u> </u>	<u> </u>	<u> </u>	Ш	Ш
	4	48	_	<u> </u>	<del> </del>	<u> </u>	$\vdash$	ļ	<u> </u>	<u> </u>	Н			98	Щ			<u> </u>	<u> </u>	_	<u> </u>	Ш	Щ
	4	49	<u> </u>	<u> </u>		<u> </u>	_		<u> </u>		$\vdash$			99	Ш				<u> </u>	L.	<b>├</b>	Щ	Ш
	_	ວບ		<u> </u>	<u> </u>	L_	L	Щ.	<u> </u>	L	L	L		100	L				L_	L	L_	لـــا	Ш

Cli	aim	Date										
Final	Original	. !										
<u> </u>		<u> </u>	_	$\vdash$	$\vdash$	_	⊢	H	_	Н		
<del> </del>	101 102 103	$\vdash$	$\vdash$	$\vdash$	$\vdash$	_	┝	$\vdash$	-	$\vdash$		
<del> </del>	102	$\vdash$	_	$\vdash$	-	_	├	├		ш		
┝	104	$\vdash$	_	$\vdash$	$\vdash$		$\vdash$	H		Н		
<b></b> -	104 105	-		┈	<del> </del>	-	-	┢				
	106	_	-	$\vdash$	-	_	$\vdash$	$\vdash$	$\vdash$			
<del>                                     </del>	107	_	$\vdash$	┢	Н			$\vdash$	Н			
	108					-	$\vdash$		Г			
	109			$\vdash$			_					
	109 110			Γ			$\vdash$					
	111											
	112											
	113											
	112 113 114 115 116											
	115											
	116											
	117	L			L		L					
	118				<u> </u>							
	119	L.	_	L	<u> </u>	_		<u> </u>	_	Ш		
	120	_			_			_				
	120 121 122	_	_	_	_		_	_				
	122	<u> </u>	_	<u> </u>	_	_	<u> </u>	_	_	Н		
	123	<u> </u>	_	_	_		_	<u> </u>	_			
<u> </u>	124	<u> </u>	-		<u> </u>	-				_		
	125	-			<u> </u>	—	-	-	-	-		
	120		-	-	-	-	├	-	H	-		
	123 124 125 126 127 128 129 130	_	-		┢		-	-	-	$\vdash$		
<u> </u>	129	$\vdash$	$\vdash$	$\vdash$	$\vdash$		$\vdash$	$\vdash$	H	$\vdash$		
<b></b> -	130	$\vdash$		<del> </del>	$\vdash$		$\vdash$	$\vdash$	H			
	131	$\vdash$					$\vdash$					
	131 132											
<u> </u>	133			-					T			
	134							$\vdash$				
	134 135			_		$\Box$			<u> </u>			
	136					Г						
	137 138											
	138											
	139 140											
			$\Box$	$\Box$	$oxedsymbol{oxedsymbol{oxed}}$				匚			
	141	_				<u> </u>		_	$oxed{oxed}$	L		
L	142			<u> </u>	L_	L	<u> </u>	<u> </u>	$\perp$			
<u> </u>	143	<u> </u>		_	<u> </u>	<u> </u>		L_	<u> </u>	Ш		
<u> </u>	144	<u> </u>	_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	Ш		
L	145		_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	ļ _	Ш		
<u> </u>	146	<u> </u>	L_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_	Ш		
<u> </u>	147	<u> </u>	$\vdash$	<u> </u>	<del> </del>	<u> </u>	$\vdash$	<u> </u>	_	Ш		
	148	<u> </u>	<u> </u>	<u> </u>		-	-	-		H		
<u> </u>	149	<u> </u>	Ŀ	<u> </u>	<u> </u>	<u> </u>	<u> </u>	├	-	H		
L	150	L.	L		<u> </u>	<u>L</u> .				L		